1. To what does a relative path refer?

The location of file relative to the current working directory.

1. What does an absolute path start with your operating system?

It will begin at the home directory of your computer.

1. What do the functions os.getcwd() and os.chdir() do?

os.getcwd() – allows you to see what your current working directory is.

os.chdir() – allows you to set the current working directory to a path of your choice.

1. What are the . and .. folders?

The . is current working directory

The .. is parent directory

1. In C:\bacon\eggs\spam.txt, which part is the dir name, and which part is the base name?

C:\bacon\eggs is directory name

spam.txt is base name

1. What are the three “mode” arguments that can be passed to the open() function?

‘r’ – open a file for reading

‘w’ – open a file for writing

‘x’ – creates new file, if file name exists then operation fails

1. What happens if an existing file is opened in write mode?

If file does not exist in current directory, then a new empty file with write mode is created.

If the file exists in current directory, then the content will be deleted before writing.

1. How do you tell the difference between read() and readlines()?

read() will read whole file.

readlines() will return all the lines in a file in the format of list.

1. What data structure does a shelf value resemble?

Shelf value resembles a dictionary value; it has key and value pair.